From: Bahadori, Tina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7DA7967DCAFB4C5BBC39C666FEE31EC3-BAHADORI, TINA]

Sent: 9/20/2018 10:20:47 PM

To: Thayer, Kris [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=3ce4ae3f107749c6815f243260df98c3-Thayer, Kri]

Subject: Re: New Formaldehyde Research and Meeting with EPA Scientists

Perfect.

T.

Tina Bahadori Director EPA/ORD/NCEA

On Sep 20, 2018, at 3:15 PM, Thayer, Kris < thayer.kris@epa.gov > wrote:

Any objection to mentioning the limited travel resources?

Thanks Kimberly,

Deliberative Process / Ex. 5

From: Bahadori, Tina

Sent: Thursday, September 20, 2018 1:11 PM **To:** Thayer, Kris < thayer.kris@epa.gov>

Subject: Re: New Formaldehyde Research and Meeting with EPA Scientists

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Tina Bahadori Director EPA/ORD/NCEA

On Sep 20, 2018, at 10:04 AM, Thayer, Kris <thayer.kris@epa.gov> wrote:

Not to be a whiner but this means using our limited travel funds for this meeting????

What pot of money would that come from?

Sent from my iPhone

Begin forwarded message:

From: "White, Kimberly" < Kimberly White@americanchemistry.com>

Date: September 20, 2018 at 12:29:50 PM EDT

To: "Thayer, Kris" < thayer.kris@epa.gov>

Cc: "Bahadori, Tina" < Bahadori.Tina@epa.gov >, "kunlu@unc.edu"

< kunlu@unc.edu >, "Orme-Zavaleta, Jennifer" < Orme-

Zavaleta.Jennifer@epa.gov>

Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Dear Kris,

I have had an opportunity to speak with Dr. Lu and if possible the preference would be to meet at UNC given his laboratory and teaching responsibilities. It would also give the EPA scientists an opportunity to tour the laboratory and the analytical equipment used in the research. Dr. Lu can you provide some specific dates in late October or early November that work best based on your schedule?

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly_White@americanchemistry.com
700 2nd Street NE | Washington, DC | 20002
0: (202) 249-6707 C: (202) 341-7602
www.americanchemistry.com

From: Thayer, Kris [mailto:thayer.kris@epa.gov]
Sent: Friday, September 14, 2018 12:22 PM

To: White, Kimberly < Kimberly <a hre

Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>

Subject: RE: New Formaldehyde Research and Meeting with EPA

Scientists

Kimberly,

Thanks for your well wishes, breezy here at the moment with rain but not continuous (yet).

The formaldehyde team is based in DC. Can we arrange a meeting there? If travel is an issue for the UNC researchers perhaps we can explore video or other remote attendance options.

I have an very heavy travel schedule in October and not really available until the last week in October. Is that a possibility?

Sincerely,
Kris
Kristina Thayer, Ph.D. Director, Integrated Risk Information System (IRIS) Division
National Center for Environmental Assessment, NCEA

Mail Code: B243-01

ORD, USEPA

Building: Bldg B (Room B211I)

Research Triangle Park, NC 27711 (919) 541-0152 RTP

Skype: kristina.thayer thayer.kris@epa.gov

From: White, Kimberly

[mailto:Kimberly White@americanchemistry.com]

Sent: Friday, September 14, 2018 9:24 AM

To: Orme-Zavaleta, Jennifer < <u>Orme-Zavaleta.Jennifer@epa.gov</u>> **Cc:** Bahadori, Tina < <u>Bahadori, Tina@epa.gov</u>>; Thayer, Kris

<thayer.kris@epa.gov>; kunlu@unc.edu

Subject: RE: New Formaldehyde Research and Meeting with EPA

Scientists

Okay, sounds good. Thank you, have a good start to your Friday and I send well wishes for the safety of all the EPA staff and citizens in the RTP area that are enduring the hurricane.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly White@americanchemistry.com
700 2nd Street NE | Washington, DC | 20002
0: (202) 249-6707 C: (202) 341-7602
www.americanchemistry.com

From: Orme-Zavaleta, Jennifer [mailto:Orme-

Zavaleta.Jennifer@epa.gov]

Sent: Friday, September 14, 2018 9:15 AM

To: White, Kimberly < Kimberly White@americanchemistry.com >

Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris

<thayer.kris@epa.gov>; kunlu@unc.edu

Subject: RE: New Formaldehyde Research and Meeting with EPA

Scientists

Thanks for the reminder and I apologize for the delay. Now that folks are back from vacation, and we get past this hurricane, will follow up with dates.

Jennifer Orme-Zavaleta, PhD Principal Deputy Assistant Administrator for Science Office of Research and Development US Environmental Protection Agency

Cell
DC Personal Matters / Ex. 6
RTP

From: White, Kimberly

[mailto:Kimberly White@americanchemistry.com]

Sent: Friday, September 14, 2018 7:19 AM

To: Orme-Zavaleta, Jennifer < Orme-Zavaleta. Jennifer@epa.gov>

Cc: Bahadori, Tina < Bahadori. Tina@epa.gov >; Thayer, Kris

<thayer.kris@epa.gov>; kunlu@unc.edu

Subject: RE: New Formaldehyde Research and Meeting with EPA

Scientists

Dear Dr. Orme-Zavaleta,

I wanted to follow-up regarding if you've identified some possible dates in the near future for UNC researchers to meet with EPA scientists.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council Senior Director, Chemical Products & Technology Division Kimberly White@americanchemistry.com
700 2nd Street NE | Washington, DC | 20002

O: (202) 249-6707 C: (202) 341-7602

www.americanchemistry.com

From: Orme-Zavaleta, Jennifer [mailto:Orme-

Zavaleta.Jennifer@epa.gov]

Sent: Thursday, August 23, 2018 7:04 AM

To: White, Kimberly < Kimberly White@americanchemistry.com >

Cc: Bahadori, Tina < <u>Bahadori, Tina@epa.gov</u>>; Thayer, Kris

<thayer.kris@epa.gov>; kunlu@unc.edu

Subject: Re: New Formaldehyde Research and Meeting with EPA

Scientists

Thank you for letting us know about this work and sharing the abstract. I will be back in touch on getting together with the researchers to hear about their work.

Thanks again and hope you are enjoying the summer!

Jennifer

Jennifer Orme-Zavaleta, PhD Principal Deputy Assistant Administrator for Science Office of Research and Development

US EPA
Cel
DC Personal Matters / Ex. 6
RTI

On Aug 22, 2018, at 4:53 PM, White, Kimberly Kimberly White@americanchemistry.com wrote:

Dear Dr. Orme-Zavaleta,

Previously, the ACC Formaldehyde Panel alerted the Agency to ongoing formaldehyde research at the University of North Carolina. Specifically, the research includes a 28 day in vivo (nose only) inhalation study where rats were exposed to radio-labeled

formaldehyde at 0, 1, 30 or 300 ppb. Following exposures, tissue samples were collected from the nasal and upper respiratory tract, lung, bone marrow, liver, cerebrum, hippocampus, olfactory bulb, blood and plasma, for analysis. The research is now complete, will be presented at the 2018 EuroTox meeting (see attached abstract) and the UNC scientists are working to prepare a manuscript for submission to a peer reviewed journal. Dr. Swenberg has recently retired and Dr. Kun Lu leads the research activities. We would welcome the opportunity for EPA scientists and UNC researchers to meet and discuss the research findings. Is there a time in the near future to schedule an in person meeting at UNC with the researchers?

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council
Senior Director, Chemical Products & Technology Division
Kimberly_White@americanchemistry.com
700 2nd Street NE | Washington, DC | 20002
O: (202) 249-6707 C: (202) 341-7602
www.americanchemistry.com

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<2018 EuroTox Meeting Abstract on UNC Research.pdf>

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